4.5 Compugen Ltd

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Result
No.
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq
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                                                                                                                                                                                                                                                                                                                           Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                        Score
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length: 2000000000
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Match Length DB
        100.0
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Gapop 10.0 , Gapext 0.5
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220
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:/cgn2_6/ptodata/2/paa/US084_COMB.pep:*
:/cgn2_6/ptodata/2/paa/US084_COMB.pep:*
:/cgn2_6/ptodata/2/paa/US085_COMB.pep:*
:/cgn2_6/ptodata/2/paa/US086_COMB.pep:*
:/cgn2_6/ptodata/2/paa/US089_COMB.pep:*
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Copyright (c) 1993 - 2000
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/cgn2_6/ptodata/2/paa/US06_COMB.pep:*
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    US-09-856-050-19
3 US-09-923-779-154
4 US-60-230-435-1545
4 US-60-218-58-4
8 US-99-418-527C-4
4 US-60-212-659-307
4 US-60-213-659-34
4 US-60-213-800-342
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Sequence 19, Appl
Sequence 14, App
Sequence 145, Ap
Sequence 4, Appli
Sequence 4, Appli
Sequence 307, App
Sequence 1884, Ap
Sequence 2344, Ap
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5	44	3	42	41	0	39	38	37	36	35	34	$\frac{\omega}{\omega}$	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13		11	10
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328	327	316	315	315	315	292	292	289	289	289	289	289	288	288	288	288	288	284	284	284	51	51	401	124	76	183	20	246	281	45	53	247	247	247	247
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PCT-US00-09973-11	29-98	-09-387-375	-09-386-653	386-65	PCT-US00-23823-9	PCT-US01-18568A-9	PCT-US01-18568-9	642-	-162-	22283-	PCT-US00-22271-14	Ψ		US-09-303-162-13	PCT-US00-22283-13	Υ.	ω	US-09-386-642-54	-US00-22283	\vdash	US-09-925-297-566	-US00-05989-5	-09-538-092-5	-869-446-	•	US-08-691-274-9	US-09-674-677-34	-08-978-4	US-08-467-155-7	US-09-856-050-17	ò	- 1	760-475-235	-60-230-435-1	US-60-212-659-308
Sequence 11, Appi	Sequence 8, Appli	9	9	e 9,	9	Sequence 9, Appli	9, A	14,	e 14,	14,	14,	14, 1	13,	e 13,	13,	13,	13, 1	e 54,	54,	U	e 566,	566, F	572	9	2,	9, 1	34,	e 4	7, AI	Sequence 17, Appl	126	1, App	2359,	1885,	Sequence 308, App

ALIGNMENTS

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PRIOR APPLICATION NUMBER: PCT/JP99/06474
PRIOR FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn version 3.1
SEQ ID NO 19
LENGTH: 40
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
; OTHER INFORMATION: Synthetic US-09-856-050-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-856-050-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: UEMURA, Hidetoshi
APPLICANT: OKUI, Akira
APPLICANT: KOMINAMI, Katsuya
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 19, Application US/09856050
                                                                                                                                                                                                                                                                             APPLICANT: YAMAGUCHI, NOZOMİ
APPLICANT: MITSUI, Shinichi
TITLE OF INVENTION: PROTEIN EXPRESSION VECTOR AND USE THEREOF
FILE REFERENCE: UEMURA-8
CURRENT APPLICATION NUMBER: US/09/856,050
CURRENT EILING DATE: 2001-05-17
PRIOR APPLICATION NUMBER: JP 10/331515
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1998-11-20
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Query Match Best Local Similarity

Matches

40;

Conservative

100.0%; Score 220; DB 22; 100.0%; Pred. No. 1.1e-20; tive 0; Mismatches 0;

Length 40; Indels

0;

Gaps

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RESULT 4
PCT-US00-28558-4
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US-09-923-779-154
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                                                                                                                                                                    Sequence 4, Application PC/TUS0028558 GENERAL INFORMATION:
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 154
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Best Local Similarity
Matches 25; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/60/230,435
CURRENT FILING DATE: 2000-09-06
NUMBER OF SEQ ID NOS: 2991
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 1545
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION: APPLICANT: Beasley
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                                                                    APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Beasley, Ellen TITLE OF INVENTION: ISOLAY TITLE OF INVENTION: NUCLE: TITLE OF INVENTION: USES:
APPLICANT: Underwood, Lowell
APPLICANT: Shigemasa, Kazushi
TITLE OF INVENTION: Tumor Antigen-Derived Gene 16 (TADG-16): A Novel
TITLE OF INVENTION: Extracellular Serine Protease and Uses Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/923,779
CURRENT FILING DATE: 2001-08-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Pyle, Ruth A.
APPLICANT: Xu, Jiangchun
APPLICANT: Kalos, Michael D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 24
TYPE: PRT
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                                                                                                                                     O'Brien, Timothy J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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Pred. No. 3e-07;
1; Mismatches
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Pred. No. 3e-07;
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      ; ORGANISM: HUMAN US-60-212-659-307
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                                                                                                   SEQ ID NO 307
LENGTH: 280
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                                                                                                                                                                 NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ fo
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APPLICANT:
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TYPE: PRT
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APPLICANT: Beasley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN PROTEASE
TITLE OF INVENTION: NUCLEIC ACID MOLECULES;
TITLE OF INVENTION: USES THEREOF
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: CLOOG674
CURRENT APPLICATION NUMBER: US/60/212,659
CURRENT FILING DATE: 2000-06-19
CURRENT FILING DATE: 2000-06-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; FEATURE:
; OTHER INFORMATION: Sequence of Trypsinogen
PCT-US00-28558-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/418,527C CURRENT FILING DATE: 1999-10-14 NUMBER OF SEQ ID NOS: 179
SEQ ID NO 4
LENGTH: 247
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CURRENT APPLICATION NUMBER: PCT/US00/28558
CURRENT FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: US 09/418,527
PRIOR FILING DATE: 199-10-14
NUMBER OF SEQ ID NOS: 179
SEQ ID NO 4
                                                                                                                                                                Sequence 307, Application US/60212659 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
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Best Local Similarity
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TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE: OTHER INFORMATION: Sequence of Trypsinogen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Unknown
                                                                                                                                                                                                                                                                                  Underwood, Lowell
Shigemasa, Kazushi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    O'Brien, Timothy J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Tumor Antigen-Derived Gene 16 (TADG-16): A Novel Extracellular Serine Protease and Uses Thereof
                                                                                                           ISOLATED HUMAN PROTEASE PROTEINS, AND NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND
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Pred. No. 5.7e-06;
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for

Windows Version 4.0

Вр QΥ

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US-60-230-435-1884; Sequence 1884, Application US/60230435; Sequence 1884, Application US/60230435
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APPLICANT: Beasley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN PROTES
TITLE OF INVENTION: NUCLEIC ACID MOLECULI
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: CL000768
CURRENT APPLICATION NUMBER: US/60/230,435
CURRENT FILING DATE: 2000-09-06
                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: ROSED et al.
TITLE OF INVENTION: Nucleic Acids, Proteins,
FILE REFERENCE: PTZ49
CURRENT APPLICATION NUMBER: US/09/760,475
CURRENT FILING DATE: 2001-01-16
                                                                                                                                                                                                                                 Prior application data removed -
NUMBER OF SEQ ID NOS: 4122
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2344
LENGTH: 251
TYPE: PRT
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SOFTWARE: FastSEQ for
SEQ ID NO 1884
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Best Local Similarity
                                                                                 OTHER INFORMATION: NAME/KEY: SITE
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TYPE: PRT
OTHER INFORMATION: Xaa
               NAME/KEY: SITE LOCATION: (58)
                                                OTHER INFORMATION:
                                                                                                                                                                                                                   ORGANISM:
                                                                                                                  NAME/KEY: SITE LOCATION: (33)
                                                                   LOCATION: (35)
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                                                                                                                                                                                  NAME/KEY: SITE
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1 MNPLLILTFVAAALAAPFDDDDKIVGG 27
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equals any of
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Pred. No. 6.6e-06;
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Pred. No. 6.6e-06;
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the naturally occurring L-amino acids
                                                the naturally occurring
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Query Match

50.0%;

Score 110;

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21;

Length 251

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RESULT 11
US-60-230-435-1885
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; ORGANISM: HUMAN
US-60-213-800-342
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US-60-213-800-342
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TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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                                               GENERAL INFORMATION:
                                                                    Sequence 1885, Application US/60230435
                                                                                                                                                                                                                                     Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 308
LENGTH: 247
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Best Local Similarity
Matches 21; Conserv
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CURRENT APPLICATION NUMBER: US/60/212,659

CURRENT FILING DATE: 2000-06-19

NUMBER OF SEQ ID NOS: 879

NUMBER OF SEQ ID NOS: 879
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APPLICANT: Beasley, TITLE OF INVENTION: TITLE OF INVENTION:
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 ISOLATED HUMAN PROTEASE PROTEINS, AND NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND
                                   Ellen
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87.5%;
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77.88;
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1; Mismatches 3;
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                                                                                                               Sequence 1, Application US/09762277
GENERAL INFORMATION:
APPLICANT: Fuji Yakuhin Kogyo Kabushiki Kaisha
TITLE OF INVENTION: Monoclonal Antibody against Canine Trypsin
FILE REFERENCE: FJ-94PCT
                                                                                                                                                                                                                                                                                                                                                              Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 4122
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2359
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Best Local Similarity
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LENGTH: 247
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CURRENT FILING DATE: 2001-02-06
PRIOR APPLICATION NUMBER: JP 10-236609
PRIOR FILING DATE: 1998-08-10
PRIOR APPLICATION NUMBER: JP 11-63990
PRIOR FILING DATE: 1999-03-10
                                                                            CURRENT APPLICATION NUMBER: US/09/762,277
CURRENT FILING DATE: 2001-02-06
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NAME/KEY: SITE
LOCATION: (62)
OTHER INFORMATION: X
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CURRENT FILING DATE: 2001-01-16
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CURRENT FILING DATE: 2000-09-06
NUMBER OF SEQ ID NOS: 2991
SOFTWARE: FastSEQ for Windows Version 4.0
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LOCATION: (67)
OTHER INFORMATION: Xaa equals any of the
NAME/KEY: SITE
LOCATION: (79)
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TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                           44.58;
74.18;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               equals any of the naturally occurring L-amino
                                                                                                                                                                                                                                                                                                                                                                           Score 98;
Pred. No.
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Pred. No. 0.00011;
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                   SOFTWARE: PatentIn version 3.1 SEQ ID NO 17
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Best Local
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                                                                        PRIOR APPLICATION NUMBER: JP 10/331515
PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: PCT/JP99/06474
PRIOR FILING DATE: 1999-11-19
                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/856,050
CURRENT FILING DATE: 2001-05-17
                                                                                                                                                                                                                                                            APPLICANT: UEMURA, APPLICANT: OKUI, APPLICANT: KOMINA
                                                         NUMBER OF SEQ ID NOS:
                                                                                                                                                                                     FILE REFERENCE: UEMURA-8
                                                                                                                                                                                                   APPLICANT: MITSUI, Shinichi
TITLE OF INVENTION: PROTEIN EXPRESSION VECTOR AND USE THEREOF
                                                                                                                                                                                                                                               APPLICANT:
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TYPE: PRT
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Akira

Hidetoshi

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; ORGANISM: Dog Pancreas
US-09-762-277-1
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Sequence 17, Application US/09856050 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 1262
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1262, Application US/09605784A GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/60:
CURRENT FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: 60/141,228
PRIOR FILING DATE: 1999-06-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND ENCODED TITLE OF INVENTION: SECRETED PROTEINS FILE REFERENCE: 1600.1138-001
                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Sharp,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 5
                                                                                                                                                                                                                                                 NAME/KEY: VARIANT LOCATION: (1)...(53) OTHER INFORMATION: X
                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                        Local Similarity
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                                                                                                                          1 MNLLLILTFVAAAVAAPFDDDDKLVHG
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Pred. No.
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Pred. No. 0.0028;
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; TYPE: PRT
; ORRANISM: Homo sapiens
; FEATURE:
; FEATURE:
; OTHER IMPORMATION: Synthetic
US-09-856-050-17

Query Match
Best Local Similarity 100.0%; Pred. No. 0.002;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps

Qy 28 KLHHHHHDDDDK 40
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Db 33 KLHHHHHHDDDDK 45

Search completed: March 15, 2002, 06:48:48

Job time: 1342 sec

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GenCore version 4.5 Copyright (c) 1993 - 2000 Compugen Ltd

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Perfect score:
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2: /cgn2_6/ptodata/1/paa/U
3: /cgn2_6/ptodata/1/paa/U
4: /cgn2_6/ptodata/1/paa/U
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/cgn2_6/ptodata/1/paa/US08_NEW_COMB.pep:*
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US-09-911-927-20

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US-09-708-427-49415

US-10-040-655-9

US-10-040-803-8

US-09-620-1118-5168

US-09-620-1118-1589

US-09-620-1118-133

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148.848 Million cell updates/sec
Sequence 8, Appli
Sequence 5168, Ap
Sequence 58002, A
Sequence 1590, Ap
Sequence 1399, Ap
Sequence 131, App
Sequence 132, Appli
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US-09-380-913-33	US-09-614-150-29439	US-09-939-126-7	US-10-080-455-5	US-09-613-972-22	PCT-US01-44516-5	US-09-762-277A-2	US-09-708-427-82153	US-09-708-427-82154	US-09-708-427-82155	US-09-481-620A-72	US-09-481-620A-40	US-09-708-427-55399	US-09-708-427-55400	US-09-708-427-55401	US-09-284-101-4	US-09-620-111B-7540	US-09-620-111B-131	US-09-620-111B-4891	US-09-620-111B-1588
Sequence 33, Appl	Sequence 29439, A	Sequence 7, Appli	Sequence 5, Appli	Sequence 22, Appl		Sequence 2, Appli	Sequence 82153, A	Sequence 82154, A	Sequence 82155, A	Sequence 72, Appl	Sequence 40, Appl	Sequence 55399, A	Sequence 55400, A	Sequence 55401, A	Sequence 4, Appli	Sequence 7540, Ap	Sequence 131, App	Sequence 4891, Ap	Sequence 1588, Ap

ALIGNMENTS

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; NAME/KEY: PEPTIDE ; OTHER INFORMATION: Sequence of Trypsinogen US-09-907-187A-4
                                                                                                                                                                                                                                                                US-09-762-277A-1
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LENGTH: 247
TYPE: PRT
ORGANISM: Unknown
                Sequence 1, Application US/09762277A
GENERAL INFORMATION:
APPLICANT: Fuji Yakuhin Kogyo Kabushiki Kaisha
TITLE OF INVENTION: Monoclonal Antibody against Canine Trypsin
FILE REFERENCE: FU-94PCT
CURRENT APPLICATION UNMBER: US/09/762,277A
CURRENT FILING DATE: 2001-02-06
PRIOR APPLICATION NUMBER: JP 10-236609
PRIOR FILING DATE: 1998-08-10
PRIOR FILING DATE: 1998-03-10
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Best Local Similarity
Matches 23; Conser
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APPLICANT: Underwood, Lowell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: O'Brien, Timothy J.
APPLICANT: Shigemasa, Kazushi
TITLE:OF INVENTION: Tumor Antigen-Derived Gene 16 (TADG-16): A Novel
TITLE:OF INVENTION: Extracellular Serine Protease and Uses Thereof
FILE REFERENCE: D6250D
CURRENT APPLICATION NUMBER: US/09/907,187A
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: US 09/418,527
PRIOR PILING DATE: 1999-10-14
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NUMBER OF SEQ
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85.2%;
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Pred. No. 4.5e-08;
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APPLICANT: Mariko Numata
TITLE OF INVENTION: Novel Trypsin Family Serine Proteases
FILE REFERENCE: 50026/027001
CURRENT APPLICATION NUMBER: US/09/831,180A
CURRENT FILING DATE: 2001-05-03
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SEQ ID NO 1
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PRIOR FILING DATE: 1998-11-04
NUMBER OF SEQ ID NOS: 53
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                                                                             APPLICANT:
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PRIOR FILING DATE: 1999-11-02
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18; Conservative
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19; Conserv
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                MacDougall, John R
Taupier, Raymond J
Grosse, William M
                                                                                                         Patturajan, Meera
Burgess, Catherine E
                                                          Rastelli, Luca
                                                                          Gangolli, Esha A
Smithson, Glennda
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Padigaru, Muralidhara
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Kimberly A
Szekeres
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Pred. No. 0.00
2; Mismatches
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Pred. No. 3.9e-05;
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. 0.00037;
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US-10-021-368-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; ORGANISM: Mus musculus US-09-842-758-55
                                                                                                                                                                                                                                                              Sequence 7, Application US/10021368
GENERAL INFORMATION:
APPLICANT: Band, Vimla
                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 18; Conserv
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PRIOR APPLICATION NUMBER: 60/263,217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/232,678
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/200,158 PRIOR FILING DATE: 2000-04-26 PRIOR APPLICATION NUMBER: 60/200,613
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/842,758
CURRENT FILING DATE: 2001-04-25
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TYPE: PRT
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                                                                        COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                 CURRENT
                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                TITLE OF INVENTION: NES-1 POLYPEPTIDES, DNA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PatentIn
                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                     CITY: Boston
                                                                                                                                        STATE: MA
                                                                                                                                                                       STREET:
APPLICATION NUMBER: US/10/021,368
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                APPLICATION DATA:
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                                                                                                                                                                       225 Franklin Street
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Pred. No. 0.00037;
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Gaps

FILING DATE: 12-Dec-2001 CLASSIFICATION: <Unknown>

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US-09-550-398C-104; Sequence 104, Application US/09550398C; GENERAL INFORMATION:
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                                                                                                                                             US-09-911-882-20
                                                                                                                                                                RESULT
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LENGTH: 401
TYPE: PRT
                              Sequence 20, Application US/09911882
GENERAL INFORMATION:
APPLICANT: KOLITIN, Yigal
APPLICANT: Gavrias, Victoria
TITLE OF INVENTION: ESSENTIAL FUNGAL GENES AND THEIR USE
FILE REFERENCE: 05286-052004
                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 15; Conserv
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CURRENT FILING DATE: 2000-04-14
NUMBER OF SEQ ID NOS: 154
SOFTWARE: Patentin Ver. 2.0
CURRENT APPLICATION NUMBER: US/09/911,882
CURRENT FILING DATE: 2001-07-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Osterman, Andrei
TITLE OF INVENTION: Novel Nicotinamide Mononucleotide Adenyltransferases
FILE REFERENCE: 2002.0030000
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APPLICANT: Overbeek, Ross
APPLICANT: Shatalin, Konstantin
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INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: 09/201,038
FILING DATE: <Unknown>
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                                                                                                                                                                                                                                                      ILTFVAAAVAAPFDDDDKLVHGKLHHHHHH---DDDDK 40
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TYPE: amino acid
STRANDEDNESS: not relevant
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Pred. No.
                                                                                                                                                                                                                                                                                      Score 75.5; DB (Pred. No. 0.011; 7; Mismatches
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; LENGTH: 401
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
US-09-911-927-20
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                                                                                                                                                                                                                                  Sequence 20, Application US/09911927
GENERAL INFORMATION:
APPLICANT: KOLTIN, Yigal
APPLICANT: Gavrias, Victoria
TITLE OF INVENTION: ESSENTIAL FUNGAL GENES AND THEIR USE
FILE REFERENCE: 06286-062003
CURRENT APPLICATION NUMBER: US/09/911,927
CURRENT FILING DATE: 2001-07-23
PRIOR APPLICATION NUMBER: US 08/965,762
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GENERAL INFORMATION:
APPLICANT: KOILIN, Yigal
APPLICANT: Gavrias, Victoria
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Best Local Similarity
Matches 15; Conserv
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SEQ ID NO 20
Query Match
Best Local Similarity
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Best Local Similarity 39.3
Matches 15; Conservative
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TITLE OF INVENTION: ESSENTIAL FUNGAL GENES AND THEIR USE
FILE REFERENCE: 06286-062002
CURRENT APPLICATION NUMBER: US/09/911,888
CURRENT FILING DATE: 2001-07-23
PRIOR APPLICATION NUMBER: US 08/965,762
PRIOR FILING DATE: 1997-11-07
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                                                                                                                                                                                                                   PRIOR FILING DATE: 1997-11-07
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34.38;
Score 75.5; DB 6; Pred. No. 0.011;
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                    Length 401;
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US-09-708-427-49415
Sequence 49415, Application US/09708427
GENERAL INFORMATION:
APPLICANT: N. ALEXANDROV et al.
TITLE OF INVENTION: SEQUENCE-DETERMINED DNA FRAGMENTS AND CORRESPONDING POLYPEPTIDES
TITLE OF INVENTION: THEREBY
FILE REFERENCE: 2750-1243p
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                               Qy
                                                                                                                                                            ; OTHER INFORMATION:
; OTHER INFORMATION:
US-10-040-655-9
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US-09-708-427-49415
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                                                                       Matches
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Best Local Similarity
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Best Local
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NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Andrade-Gordon, Patricia
APPLICANT: Darrow, Andrew
APPLICANT: Qi, Jian-shen
TITLE OF INVENTION: DNA encoding the novel human serine
TITLE OF INVENTION: protease T
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CURRENT FILING DATE: 2000-11-09
NUMBER OF SED ID NOS: 85364
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/040,655
CURRENT FILING DATE: 2002-01-07
                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: profile REFERENCE: ORT-1032
                                                                                                                                                                                                                             LENGTH: 315
TYPE: PRT
ORGANISM: Artificial Sequence
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OTHER INFORMATION: Xaa is
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NAME/KEY: misc_feature
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                    2 NELLILTFV------AAAVAAPFDDDDKLVHG 27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 MNLLLILTFVAAAVAAPFDDDDKLVHGK-----LHHHHHHDDDD 39
   NLLLCQGVVSDYKDDDDVDAAALAAPFDDDDKIVGG 55
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                                                                       Conservative
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                                                                                                                                                                         Description of Artificial Sequence: Fusion Protein of Protease T in a zymogen activation construct
                                                                                      33.6%;
52.8%;
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Pred. No. 0.007
6; Mismatches
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                                                                                    Score 74; DB 7;
Pred. No. 0.013;
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                                                                                                       Length 315
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 RESULT 14
US-09-620-111B-5168
US-09-620-111B-5168
; Sequence 5168, Application US/09620111B
; GENERAL INFORMATION:
; APPLICANT: N. ALEXANDROV et al.
; APPLICANT: N. ALEXANDROV et al.
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US-10~041-006-9
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Best Local S
Matches 19
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GENERAL INFORMATION:
APPLICANT: Andrade-Gordon, Patricia
APPLICANT: Darrow, Andrew L.
APPLICANT: Qi, Jenson
TITLE OF INVENTION: DNA encoding human serine protease C-E
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Matches
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SEQ ID NO 9
LENGTH: 315
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LENGTH: 327
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TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptid
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CURRENT FILING DATE: 2002-01-07
NUMBER OF SEQ ID NOS: 11
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SOFTWARE: PATCHTT
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CURRENT FILING DATE: 2002-01-07
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Fusion Protein OTHER INFORMATION: of Protease T in a zymogen activation construct
                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: C-E catalytic OTHER INFORMATION: domain fusion protien
                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
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Pred. No. 0.013;
2; Mismatches
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Pred. No. 0.013;
2; Mismatches
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Search completed: March 15, 2002, 06:45:32 Job time: 1146 sec
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CURRENT FILING DATE: 2000-11-09
NUMBER OF SEQ ID NOS: 85364
SOFTWARE: PatentIn version 3.1
SEQ ID NO 58802
LENGTH: 132
TYPE: PRT
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FILE REFERENCE: 2750-1070P
CURRENT APPLICATION NUMBER: US/09/620,111B
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 9298
SEQ ID NO 5168
LENGTH: 149
TYPE: PRT
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GENERAL INFORMATION:
GENERAL INF
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Best Local Similarity 42.1
Matches 16; Conservative
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Best Local Similarity 78.0
Matches 11; Conservative
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LOCATION: 1..132
OTHER INFORMATION: Xaa is any amino acid
NAME/KEY: misc_feature
LOCATION: 1..132
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OTHER INFORMATION: Xaa is any amino acid
NAME/KEY: misc_feature
LOCATION: 1..149
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NAME/KEY: misc_feature
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42.1%;
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Pred. No. 0.011;
1; Mismatches
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Pred. No. 0.0096;
3; Mismatches 11; Indels
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length: 2000000000
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Match
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US-08-467-155A-7
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US-08-467-155A-7
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Best Local
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                                                                                                            Matches
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APPLICANT: Band, Vimla
TITLE OF INVENTION: NES-1 POLYPEPTIDES, DI
TITLE OF INVENTION: MOLECULES AND METHODS
NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 200154
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION UNMBER: 30,162
REFERENCE/DOCKET NUMBER: 0039
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE: 06-JUN-199
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
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CITY: B
STATE:
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ZIP: 02110-2804
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US-09-095-117-2
US-09-095-117-4
US-08-652-816A-43
US-08-330-638D-2
US-08-330-638D-2
US-08-33-729A-7
US-08-644-271-32
US-09-197-801-14
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Searched:

Scoring table: Sequence:

Title: Perfect score:

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RESULT 3
US-09-201-038-7
; Sequence 7, Application US/09201038
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GENERAL INFORMATION:

GENERAL TOANT: Band, Vimla
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 0039
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
                                                                                                                        APPLICANT: Band, Vim TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                            NUMBER OF SEQUENCES:
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COUNTRY: USA
ZIP: 02110-2804
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66.7%;
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Best Local Similarity
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TELEX: 200154
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                 CLASSIFICATION:
CRASSIFICATION DATA:
PRIOR APPLICATION DATA:
08/467,155
                                ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
TELECOMMUNICATION INFORMATION: TELEPHONE: 617/542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: New England Medical Center Hospitals, TITLE OF INVENTION: NES-1 POLYPEPTIDES, DNA, AND TITLE OF INVENTION: MOLECULES AND METHODS NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: 617/542-5070
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
                                                                                                                        FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                       CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                           APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
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              1 T.
VER: 30,162
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Pred. No. 0
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INFORMATION FOR SEQ ID NO:

7:

200154

TELEFAX:

617/542-8906

SEQUENCE CHARACTERISTICS

PCT-US96-07343-7

MOLECULE TYPE:

protein

STRANDEDNESS: TOPOLOGY: li

linear

not relevant

TYPE: amino acid

ENGTH:

281 amino acids

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Best Local Similarity 66.7
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                                                   Query Match
Best Local :
                                       Matches
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                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                  STRANDEDNESS:
TOPOLOGY: lin
MOLECULE TYPE:
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REFERENCE/COCKET NUMBER: B00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-720-3500
                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 60/0 FILING DATE: 04-DEC-1996 ATTORNEY/AGENT INFORMATION:
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ADDRESSEE: Wolf, Gre
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET:
                                                   Local Similarity
                                                                                                                                                                                                                                                                              NAME: Plumer, Elizabeth R. REGISTRATION NUMBER: 36,6
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                                                                                                                                                                       LENGTH:
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            1 MNLLLILTFVAAAVAAPFDDDDKLVHG 27
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44, Application US/08978404B
5. 5968782
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VENTION: MAST CELL PROTEASE THAT CLEAVES
                                                                                                                                                                                                                            617-720-244:
                                       Conservative
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                                                                                                              linear
1: No. 5968782e
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25-NOV-97
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63.0%;
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Pred. No.
                                                   Score 81; DB 2;
Pred. No. 0.00055;
                                       Mismatches
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0.00025;
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US-08-956-267A-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 20
LENGTH: 401
TYPE: PRT
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Patent No. 6280963
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Best Local Similarity
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APPLICANT: Gavrias, Victoria
TITLE OF INVENTION: ESSENTIAL FUNGAL GENES AND THEIR USE
FILE REFERENCE: 07334/062001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/08/965,762 CURRENT FILING DATE: 1997-11-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS:
                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
                                                                                                                                                                                                                                                                                       SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: WOLDIKE, Helle Fabricius APPLICANT: KJELDSEN, Thomas Borglum
                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Rozek, Carol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
                MOLECULE TYPE:
                                                                                                                                                                NAME: ROZEK, Carol
REGISTRATION NUMBER: 36,993
REFERENCE/DOCKET NUMBER: 45
                                                                                                                                                                                                                                                                                                       COMPUTER: IBM CON OPERATING SYSTEM: SOFTWARE: FastSE
                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/956,267A FILING DATE: 22-OCT-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE:
                                              TYPE:
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                                TOPOLOGY:
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                                                                247 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (Trypsinogen)
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Pred. No. 0
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; HYPOTHETICAL: N
; ANTI-SENSE: NO
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US-08-226-264-7
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US-08-226-264-7
RESULT
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Best Local S
Matches 14
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                                                                                                    Matches
                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/226
FILING DATE: 08-ARR-94
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 4001
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 14 amino acids
TYPE: amino acid
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CURRENT APPLICATION DATA:
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TITLE OF INVENTION: PRODUCTION OF RECOMBINANT FACTOR XA
TITLE OF INVENTION: INHIBITORS OF LEECH HIRUDO MEDICINAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
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                                                                                                                 Local
                                                                                                                                                                                                                                                                                                                                     TELEPHONE: 212-391-0525
                                                           29 LHHHHHH--DDDDK 40
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
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                                          MHHHHHHGTDDDDK 14
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                                                                                                                 Similarity
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                                                                                                                                                                                                                                                                                         14 amino acids
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1185 Avenue of the Americas
                                                                                                  Conservative
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Panet, Amos
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Elisha P.
                                                                                                                30.9%;
78.6%;
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Pred. No. 0.014;
4; Mismatches
                                                                                                              Score 68; DB 1;
Pred. No. 0.0012;
                                                                                                  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LEECH HIRUDO MEDICINALIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Version #1.30
                                                                                                                             DB 1; Length 14;
                                                                                                0;
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                                                                                                  Indels
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                                                                                                                                                                                                                                                                                                                                  ; FRAGMENT TYPE: N-terminal US-08-226-264-19
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                                                                                                                                                          RESULT 10
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Patent No.
GENERAL IN
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Best Local Similarity
Matches 11; Conserv
                                                                                                                Patent No.
                                                                                                                             Sequence 20,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION.

APPLICATION NUMBER: US/UB/220,-
ETLING DATE: 08-APR-94
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
NAME: White, John P.
18,678
                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 400
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                               HYPOTHETICAL: I
                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Fischer, Meir
TITLE OF INVENTION: PRODU
TITLE OF INVENTION: INHI
                                                                    APPLICANT:
                                                      APPLICANT:
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APPLICANT:
             APPLICANT
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                                                                                                                                                                                                                                29 LHHHHHH--DDDDK 40
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A. ZIP: 10036
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STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 212-391-0525
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                                                                                                                                                                                                     1 МИНИНННЕТООООК 14
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                                                                                                                 5801017
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                                                                                                                             Application US/08226264
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1185 Avenue of the Americas
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                         Guy, Rachel
Goldlust, Arie
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Zeelon, Elisha P.
                                                                                                                                                                                                                                                              Conservative
                                                     Levanon, Avigdor
                                                                     Zeelon,
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Guy, Rachel
             Rigbi, Meir
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Panet, Amos
                                                                                   Werber,
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                                                                                                                                                                                                                                                                                                                                                                                                           linear
                                                                                                                                                                                                                                                                                                                                                                             : protein
                                                                                                                                                                                                                                                                                                                                                                                                                          unknown
                                                                  , Moshe M.
, Elisha P.
Amos
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; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
US-08-226-264-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                  Patent No.
                                                                                                                                                                                                                                                                                                                                                Sequence 8,
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ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 4001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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LACTERISTICS:
14 amino acids
LIPE: amino acid
STRANDEDNESS: UP'
TOPOLOGY:
1. OLECULP
TOPOLOGY:
1. OLECULP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                  NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                     APPLICANT: Fischer, Meir
TITLE OF INVENTION: PRODUCTION OF RECOMBINANT FACTOR XA
TITLE OF INVENTION: INHIBITORS OF LEECH HIRUDO MEDICINALIS
                                                                                                                                                                         APPLICANT:
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LENGTH: 14 amino acids
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CITY: New York STATE: New York COUNTRY: U.S.A. ZIP: 10036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: New York COUNTRY: U.S.A.
                                                                    STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     29 LHHHHHH--DDDDK 40
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ZIP: 10036
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                                                                                    ADDRESSEE:
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                 New York
Y: U.S.A.
                                                                                                                                                                                                                                                                                                                                                Application US/08226264
                                                                                                                                                                                     Guy, Rachel
Goldlust, Arie
Rigbi, Meir
Panet, Amos
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1185 Avenue of the Americas
                                                                    1185 Avenue of the Americas
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                                                                                                                                                                                                                                                                            Werber, Moshe M.
Zeelon, Elisha P.
                                                                                                                                                                                                                                                           Levanon, Avigdor
                                                                                    Cooper & Dunham LLP
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Pred. No. 0.
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; MOLECULE TYPE: pro
; HYPOTHETICAL: NO.
; ANTI-SENSE: NO
; FRACKENT TYPE: N-t
US-08-226-264-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No. 5801017
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 11; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:

NAME: White, John P:
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 4001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEPAX: 212-391-0525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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APPLICATION NUMBER: US,
FILING DATE: 08-APR-94
CLASSIFICATION: 530
                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper &
                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: PRODUCTION OF RECOMBINANT FACTOR XA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS
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MEDIUM TYPE: Floppy
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                               APPLICANT:
             APPLICATION NUMBER: US/08/226,264
FILING DATE: 08-APR-94
CLASSIFICATION: 530
                                                                                                                                                                                             STREET: 1185 Ave
CITY: New York
STATE: New York
                                                                                                                                                              COUNTRY: U.S.A. ZIP: 10036
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OPERATING SYSTEM: PC-DOS/MS-DOS
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STRANDEDNESS: un
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1185 Avenue of the Americas
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Goldlust, Arie
Rigbi, Meir
Panet, Amos
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Zeelon, Elisha P.
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REGISTRATION NUMBER:

28,678

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Best Local Similarity
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Best Local Similarity
Watches 11; Conserv:
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US-08-226-264-21
                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/214,095D CURRENT FILING DATE: 1999-07-19 NUMBER OF SEQ ID NOS: 121 SOFTWARE: Patentin version 3.0 SEQ ID NO 119 LENGTH: 280 TYPE: PRT ORGANISM: Murine
                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Ashkenazi,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Landry, Donald
TITLE OF INVENTION: ANTI-
                                                                                                                                                                                  Sequence 8, Application US/08584031A Patent No. 6030945
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 119, Application US/09214095D Patent No. 6280987
                                                      SEQ ID NO 8
                                                                                 CURRENT APPLICATION NUMBER: US/08/584,031A CURRENT FILING DATE: 1996-01-09 NUMBER OF SEQ ID NOS: 17
                                                                                                                        TITLE OF INVENTION: APO-2 LIGAND FILE REFERENCE: 11669 22US03
                                                                   SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
       TYPE: PRT
ORGANISM: "Artificial Sequence
EATURE:
                                      ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ANTI-SENSE:
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                                                                                                                                                                                                                                                                      268 DDDDKLEH---HHHHH 280
                                                                                                                                                                                                                                                                                                 19 DDDDKLVHGKLHHHHH 34
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STRANDEDNESS: unl
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75.0%;
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Pred. No.
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Pred. No. 0.
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; NAME/KEY: UNSURE
; LOCATION: (1)..(24)
; OTHER INFORMATION: Sequence is synthesized
; Patent No. 6030945
US-08-584-031-8
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US-08-780-496-8
                                                          Matches
                                                                      Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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APPLICANT: Avi As
                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: WinPatin (Ge CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
                                                         Local Similarity
les 12; Conser
                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/780,496 FILING DATE: 08-Jan-1997 CLASSIFICATION: 435
                            26 HGKLHHHHHH-----DDDDK 40
                                                                                                                                                            TYPE:
                                                                                                                                                                                                                                                                                         NAME: Marschang, Diane L. REGISTRATION NUMBER: 35,6
                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   26 HGKLHHHHHH-----DDDDK 40
                                                                                                                                               TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE:
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CITY: South San Francisco
                                                                                                                                                                                                                                               TELEPHONE:
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HHHHHHHHHSSGHIDDDDK 22
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X: 415/952-9881
910/371-7168
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VENTION: Apo-2 Ligand
                                                          Conservative
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